



**Rules and
Regulations for the
Classification of a
Floating Offshore
Installation at a
Fixed Location,
April 2008**

Notice No. 2

Effective Date of Latest
Amendments:

See page 1

Issue date: October 2011

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RULES AND REGULATIONS FOR THE CLASSIFICATION OF A FLOATING OFFSHORE INSTALLATION AT A FIXED LOCATION, *April 2008*

Notice No. 2

This Notice contains amendments within the following Sections of the *Rules and Regulations for the Classification of a Floating Offshore Installation at a Fixed Location, April 2008*.

The amendments are effective on the dates shown:

<i>Part</i>	<i>Chapter</i>	<i>Section</i>	<i>Effective date</i>
1	2	1	1 January 2012
4	3	4	1 January 2012
5	18	1	1 January 2012
6	2	1	1 January 2012
7	1	2	1 January 2012
7	2	2	1 January 2012
7	3	1, 3, 4	1 January 2012

It will be noted that the amendments also include corrigenda, which are effective from the date of this Notice.

The *Rules and Regulations for the Classification of a Floating Offshore Installation at a Fixed Location, April 2008* are to be read in conjunction with this Notice No. 2. The status of the Rules is now:

Rules for FOIFL	Effective date:	April 2008
Notice No. 1	Effective date:	1 January 2012
Notice No. 2	Effective date:	1 January 2012

Part 1, Chapter 2

Classification Regulations

Effective date 1 January 2012

■ Section 1

Conditions for classification

1.1 General

1.1.13 For units, the arrangements and equipment of which are required to comply with the requirements of the:

- ~~IMO Code for the Construction and Equipment of Mobile Offshore Drilling Units, 2001 (2001 MODU Code)~~ *IMO Code for the Construction and Equipment of Mobile Drilling Units, 2009* (hereinafter referred to as the 2009 MODU Code),
- *Load Lines convention,*
- *International Convention for the Safety of Life at Sea, 1974 and its Protocol of 1978,*
- *International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto,*

and applicable Amendments thereto, the Classification Committee requires the applicable Convention Certificates to be issued by a National Administration, or by LR, or by an IACS Member when so authorized. Safety Management Certificates in accordance with the provisions of the International Safety Management Code (ISM Code) may be issued by an organization complying with IMO Resolution A.739(18) and authorized by the National Administration with which the unit is registered. Cargo Ship Radio Certificates may be issued by an organization authorized by the National Administration with which the unit is registered. In the case of dual classed units, Convention Certificates may be issued by the other Society with which the unit is classed provided this is recognized in a formal Dual Class Agreement with LR and provided the other Society is also authorized by the National Administration. In the event of a National Administration withdrawing any unit's Convention Certificate (referred to in this Section) then the Classification Committee may suspend the unit's class. If a unit is removed from the National Administration's Registry for the non-compliance with the Conventions or Classification Requirements referred to herein then the Classification Committee will suspend the unit's class. In the event of ISM Code certification being withdrawn from a unit or Operator then the Classification Committee will suspend the unit's class.

1.1.14 For units which are outside the scope of application of the ~~2001 MODU Code~~ 2009 MODU Code and/or the international Conventions referred to in 1.1.13 above, then compliance with any prescribed standards of the applicable Coastal State Authority is to be demonstrated by the issue of appropriate certification by that Coastal State Authority or LR where so authorized.

1.1.15 Where National Administrations have no prescribed standards for units which are outside of the scope of application of the ~~2001 MODU Code~~ 2009 MODU Code and/or the International Conventions referred to in 1.1.13 or their standards are not considered acceptable for classification purposes then LR will apply the relevant parts of the ~~2001 MODU Code~~ 2009 MODU Code/International Convention Regulations and other recognized standards as applicable to the intended use of the unit as a prerequisite to classification.

Part 4, Chapter 3

Structural Design

Effective date 1 January 2012

■ Section 4

Structural design loads

4.16 Accidental loads

4.16.10 Accidental flooding of a single hull compartment is to be considered in the design of the unit. As a minimum the compartments to be addressed are to include those set out in Chapter 3 of the ~~2001 IMO MODU Code~~ 2009 MODU Code as applicable to the unit type. Special consideration will be given to unit types not addressed by the ~~2001 IMO MODU Code~~ 2009 MODU Code.

Part 5, Chapter 18

Steering Gear and Allied Systems

Effective date 1 January 2012

■ Section 1

General

1.1 Application

1.1.2 Whilst the requirements satisfy the relevant Regulations of the *International Convention for the Safety of Life at Sea 1974*, as amended, and the ~~IMO MODU Code~~ 2009 MODU Code, attention is to be given to the relevant Statutory Regulations of the National Administrations in the area of operation and also the country of registration, as applicable.

Part 6, Chapter 2

Electrical Engineering

Effective date 1 January 2012

■ Section 1

General requirements

1.1 General

1.1.4 Whilst these requirements are considered to meet those of the *International Convention for the Safety of Life at Sea, 1974*, and the ~~Code for the Construction of Mobile Offshore Drilling Units (1989 MODU Code)~~ IMO Code for the Construction and Equipment of Mobile Drilling Units, 2009 (hereinafter referred to as the 2009 MODU Code), and

amendments, as applicable, attention should also be given to any relevant Statutory Regulations of the National Administrations in the country of registration and area of operation, as applicable. Compliance with the Statutory Regulations of the National Authority may be accepted as meeting the requirements of the *International Convention for the Safety of Life at Sea, 1974*, and applicable amendments.

Part 7, Chapter 1

Safety and Communication Systems

Effective date 1 January 2012

■ Section 2

Fire and gas alarm indication and control systems

2.2 Fire and gas detection alarm panels and sensors

2.2.1 The requirements for fire and gas detection alarm panels and sensors are given in Pt 6, Ch 1,2.8 of the Rules for Ships, which are to be complied with where applicable.

The requirements for fire detection alarms panels and sensors are given in Pt 6, Ch 1,2.8 of the Rules for Ships. These Rules are also to be complied with where applicable for gas detection alarms panels, and sensors and fire detection alarms panels, and sensors specific to the unit's requirements. For drilling units, specific reference should be made to the requirements of the 2009 MODU Code Chapter 9 regarding fire and gas detection.

2.3 Fire-extinguishing systems

2.3.6 Fire and gas dampers and ventilation fans serving areas in which fire has been detected and confirmed by group voting are to be shutdown automatically. Similar action is to be carried out prior to the release of extinguishing media. Manual shutdown from the main control panel and the fire control position is to also be available, and fire dampers should also be capable of being closed manually from both sides of the bulkhead or deck:

- The electrical power required for the control and indication circuits of fire dampers is to be supplied from the emergency source of electrical power.
- The control and indication systems for the fire dampers are to be designed on the fail-safe principle, with the release system having a manual reset.

Part 7, Chapter 2

Hazardous Areas and Ventilation

Effective date 1 January 2012

■ Section 2

Classification of hazardous areas

2.3 Zone 1

2.3.1 Areas to be classified as Zone 1 include:

- Adequately ventilated closed or semi-enclosed spaces containing primary grades of release, see 1.2.8(b);
 - Mechanically ventilated closed spaces separated by a single bulkhead or deck from a tank intended for the storage in bulk of a flammable liquid or gas;
 - In open spaces, the area within 1,5 m radius from primary grades of release;
 - In open spaces, the area within 3 m from pig launcher and receiver doors. This may be reduced to 1,5 m if the equipment is washed through with nitrogen or water washed before opening;
 - In open or semi-enclosed spaces, the area within 1,5 m from the boundaries of any opening related to the active mud system, any ventilation outlet from a Zone 1 space, or any access, such as a doorway or non-bolted hatch, to a Zone 1 space; and
 - Semi-enclosed spaces, such as inadequately ventilated pits, ducts or similar structures situated in locations which would otherwise be a Zone 2, but where their arrangement is such that gas dispersion cannot easily occur.
- (g) For drilling units, specific reference is to be made to the requirements given in the 2009 MODU Code Chapter 6

regarding the extent of Zone 1 hazardous areas on MODUs, as well as the following Section 3.

2.4 Zone 2

2.4.1 Areas to be classified as Zone 2 include:

- Adequately ventilated closed or semi-enclosed spaces containing secondary grades of release, see 1.2.8(c);
 - In open spaces, the area within 1,5 m beyond the Zone 1 specified in 2.3.1(c) and (d), and beyond the semi-enclosed space specified in 2.3.1(f);
 - In open spaces, the area within a radius of 3 m from secondary grades of release, any ventilation outlet from a Zone 2 space or from a space ventilated as described in 1.2.5 and containing primary grades of release, or any access to a Zone 2 space;
 - The area within a 1,5 m radius of the ventilation outlets of spaces regarded as open;
 - The area within a 1,5 m radius from flanged joints, glands or other fittings or openings as defined by 1.2.7(c) and (d);
 - The area within a 3 m radius from bunds or barriers intended to contain spillage of liquids defined by 1.2.7(a); and
 - Air locks between a Zone 1 and a non-hazardous area, see 4.1.3(c).
- (h) For drilling units, specific reference is to be made to the requirements given in the 2009 MODU Code Chapter 6 regarding the extent of Zone 2 hazardous areas on MODUs, as well as the following Section 3.

Part 7, Chapter 3

Fire Safety

Effective date 1 January 2012

■ Section 1 General

1.1 Application

1.1.4 Units with crude oil storage tanks are, in general, to comply with the requirements of the ~~International Convention for the Safety of Life at Sea 1974, as amended, (hereinafter referred to as SOLAS) Regulations II 2/55 to II 2/63 inclusive~~ relevant requirements for tankers detailed in SOLAS Ch II-2 and IMO Fire Fighting System (FSS) Code. Where this is not practicable owing to the general construction of the unit, special consideration will be given to other arrangements which provide equivalent protection, see also Pt 3, Ch 3, 1.4.

1.1.5 The definitions given in Section 2 are, in general, in accordance with the IMO Code for the Construction and Equipment of Mobile Drilling Units, ~~1989~~ 2009 (hereinafter referred to as ~~1989~~ 2009 MODU Code) and are included for reference purposes only. Additional definitions for offshore units are also given. Where applicable, reference to these definitions may be used in other Parts of these Rules.

1.1.6 For drilling units, specific reference should be made to the requirements of the 2009 MODU Code Chapter 9 for fire safety.

■ Section 3 Additional requirements for units with production and process plant

3.2 Fire mains

3.2.1 The diameter of any fire water main and individual service pipes is to be sufficient for the effective distribution of the maximum required discharge from the ~~minimum number~~ of required pumps operating simultaneously.

■ Section 4 Means of escape

4.1 General requirements

4.1.1 For the general requirements for means of escape, see SOLAS Reg. 28.1.10, as well as SOLAS Amendments 2000 Chapter II-2 Part D. For drilling units, specific reference should be made to the requirements of the 2009 MODU Code Ch 9.4 and Chapter 10.

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